

FIG. 1

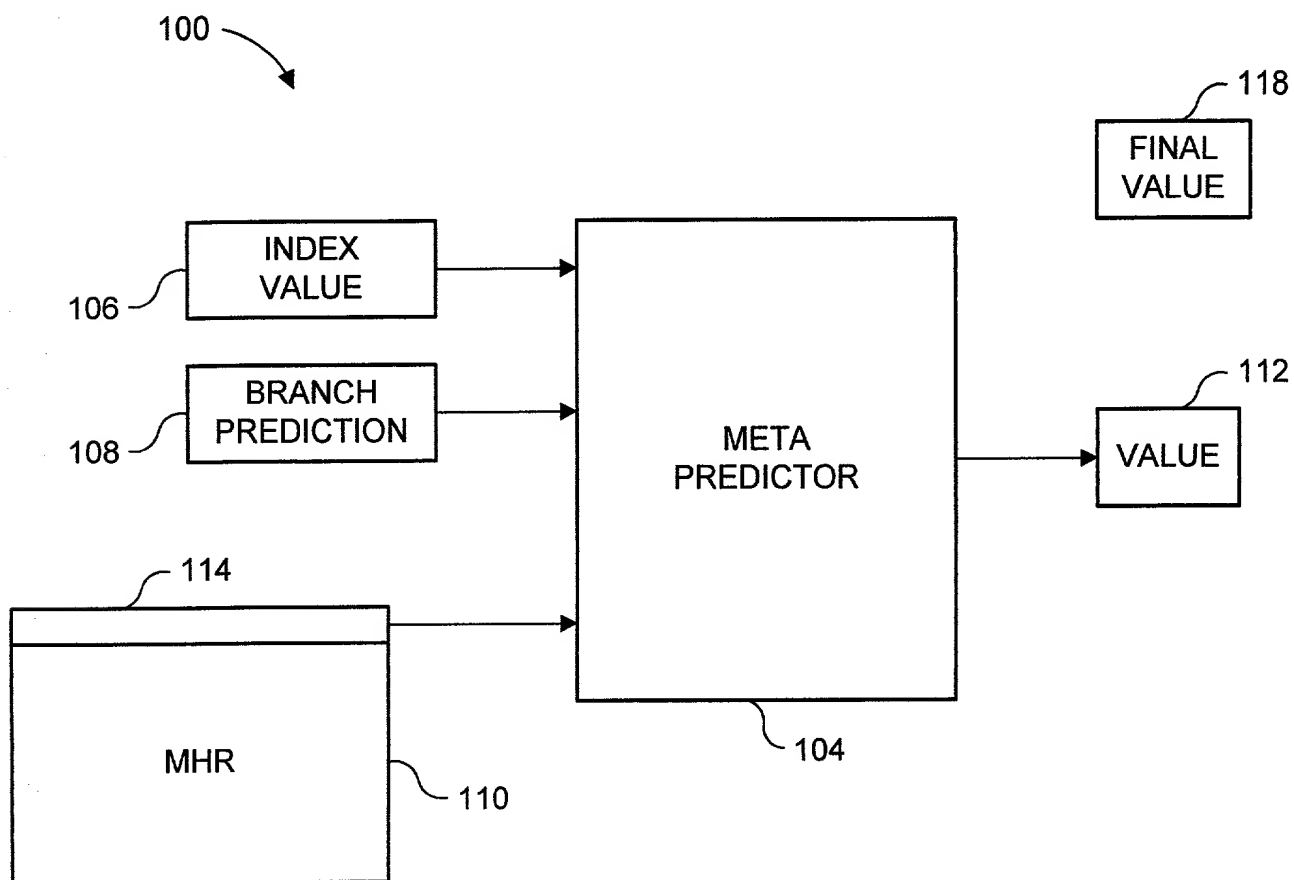


FIG. 2


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graph TD; 400[Receive index value at branch predictor] --> 402[Generate branch prediction value]; 402 --> 404[Receive index value, branch prediction value, and misprediction history data at meta predictor]; 404 --> 406[Generate misprediction value]; 406 --> 408[Generate final prediction]; 408 --> 410[Determine final value]; 410 --> 412[Update meta predictor, base misprediction history register and branch predictor];
```

Fig. 4

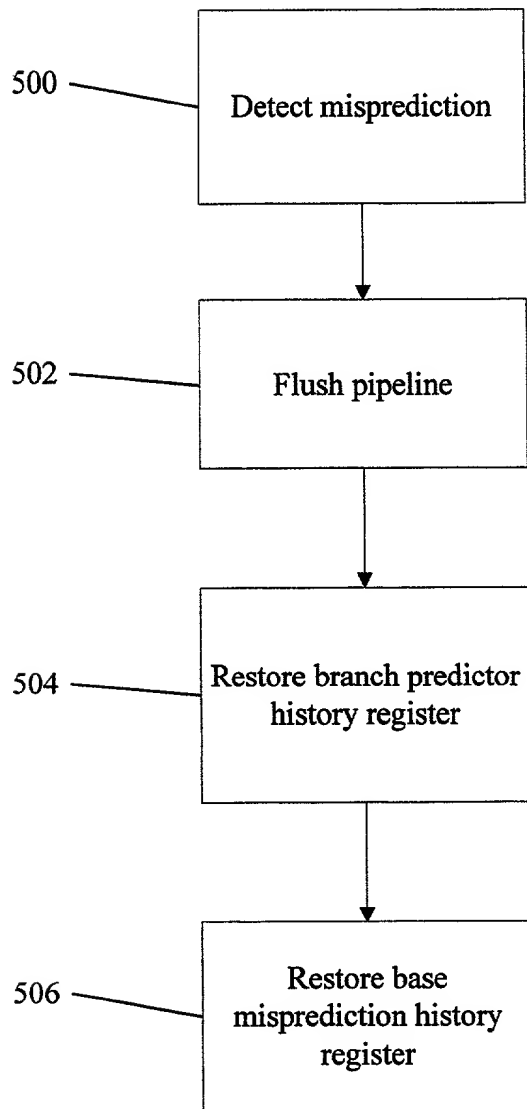


Fig. 5